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350 Market

Printed March 6th 1828

^{submitted}
An Inaugural Essay.

on

The Genus *Circinata*,

for

the degree of Doctor of Medicine,

in the University of Pennsylvania,

by

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of St. Louis, D. W. S. J. S.
Phil^a. Feb. 5. 1828.

1871. Jan 2. 1871

The weather was very

fine and the sun was

very bright and the

air was very warm

and the water was

very warm and the

land was very warm

and the water was

very warm and the

"Ea sub oculis posita negligimus: proximam
incuriosi, longinqua spectamus." — Pliny.



On the Cornus Coccinea.

In attaining its present state of improvement, Medicine, like most of its kindred sciences, was gradual in its progress. Though supported by the unaltered zeal, the noble enthusiasm & the extensive training of its cultivators, it was at times, attended with the most interdictive events & the most cruel reverses. The fair & venerable claims were for a period, veiled in the darkness of Superstition & the splendour of its objects, were dimmed by the most irrational hypotheses. It was shackled by the disposition of the schools of dogmatism; it was depressed by the baneful influence of the falsest reasoning. But from these accumulated evils & from this degraded condition, it, at last, recovered. Its obstructions were removed, & it resumed its exalted power; & now, exhibits all the beauty of philosophy, the strength of reason and the



channels of experimental evidence. Like the great
orb of light, though hid for a time by the dense
& murky clouds, its brilliancy is not destroyed,
nor its genial influence diminished.

But, though, the
divine has attained an evident superiority, and,
has regained a pre-eminence, which claims the
admiration of mankind, it certainly does not
yet bear the marks of perfection. A garden,
however, may exhibit all the beauty of a rural
scene & all the richness of vegetation, yet, in its
arrangement, some changes ^{may} ~~will~~ be found, neces-
sary to give it that appearance, which shall
be neither displeasing to the sight, nor offensive
to the judgment. In Medicine, much may
still be done. Its domains are extensive, its con-
quests are numerous. It can still be enriched
by the offerings of genius, & the treasures of
philosophy.



To possess however of the rich of medical literature, can the portions of the professors of it be more advantageously directed than to the *Materia Medica*. It is admitted that in its present form, it exhibits an unnecessary bulk, & the use the language of a second professor "an organ accumulation." But its size may be diminished, its deficiencies reduced, & it may be rendered of greater utility, ~~here~~ by substituting for remedies that are imported, if economical, the indigenous productions of America's "We have shuttle, mulberry, mince, almond, pomegranate." We may reasonably presume, that in this extensive Continent, which exhibits all the beauty of imagery, & subsistence of vegetation that Nature has made some provision for our infirmities, as well as our necessities. We cannot for one moment doubt that the magnetic mountains as well as the humble valleys are haunted by tribes of medicinal plants.



[illegible]

The contents the *Barium Chloride* as the salt
part of our solution. It is a matter of the present
study of *Diaphanous* a part of the chemical ana-
lysis, and to be made to exhibit a line station
of cases to have the interest of the plant.
My object was of a different nature. Having



may even have derived the greatest pleasure
from the ground, and myself of the oppor-
tunity to give my friends a recommendation
and a substitute to be taken, have for
found the most conclusive evidence.

The ground here is so
rich in many places, as to be the
richer of the ground. Mountain Mollusks. What
was I found here? Perhaps it
may have derived all its specific names from
the form of the land, a small, rounded hill
the soil is so rich that there are three hills
in the area.

The ground here is so
rich in many places, as to be the
richer of the ground. Mountain Mollusks. The
ground is so rich that there are three hills
in the area.



from its position and situation. The Periwinkles are
found numerous & scarce here - the most
common at as much as it is taken by women.
It may be found in many parts of the coast
and about the sand from the water to the dunes.
It is a shell of eight or ten feet ... the soft
the foliage is not particularly thick. The
leaves are more abundant, expanded ...
... some considerable ...
The branches ...
... of the color ...
... to which ...
... language ...

...the
... ..
... ..
... ..





[illegible]



and the mountains in west of the island. It
is old even when the mountains in Hudson,
a place in the western head of the Hudson
was described to the place from where it had
been collected by the author. I found the
plant described in Hudson under the name
of *Stemmatococcus*. Its locality is on the
Hudson Mountains in the north western
part among the western rocks. It is found in
this situation ~~where~~ the west West, Maine
found in this place. It is locally associated
with the abundant *Arctostaphylos* & *Pen. abundans*.

Regarding the *Stemmatococcus* character
of the *Stemmatococcus*, it is very different from that of
faded & even obscure. It is found in the
mountains which is a few feet tall. It is found
here and there in the same place. It is found
in the rocky offshoot which it has covered in my
experience. It is found in the same place.



and all diseases of the bowels attended in a most
and state of the nervous membrane. After the opera-
tion a diet in Liqueurs from the Whites, &
was ordered, till a diet of soft & easy digestion
was made, from the appearance of the evacuations.
The state of our bowels & some other circumstances
were such as to render it necessary to proceed from time to
time, in our diet, & to observe when the
bowels first, made the appearance, & continued all
without treatment, and after some time and
disorder, was a diet of soft & easy digestion
and of Liqueurs, attended with a diet of



in the society of our friends in this dreadful &
humane & comfortable & views of our station, &
was recommended to him to be the Minister
in it. I did so & I am happy to state, that
the most satisfactory results attended his
placement. The little one the doctor has sent
to the wind caught in the same. It
was not so affrighted the child's coming from the
doctor as it had exhibited itself in some houses
the low & at length it is much less disposed
to produce congestion than the former.
The doctor requires the perfumes to the actual
in a chamber attendant in judicious constant
use, as well as in the school which in the
latter stages of the disease is in
these cases which is in the beginning of the
in the lungs from the lungs. The doctor
translates was derived considerable
from it in chronic affections of the lungs.



accompanied with dysentery in the form of
tenacious when blood is present & the legs
appear

In Cholera Infantum the same in-
stances are met with. Dr. Keen says the
green has been known to the natives of this country
by observing that "for a number of years he has
used ^{much} of the leaves of the *Persea carolinensis*"

The symptoms after the hepatic
preliminary stage have been taken to define
the inflammation state of the bowels & when
the disease has advanced a severe diarrhea
it is to be feared highly of serious conse-
quences of this as the liver is irritated &
in consequence of this the liver is irritated
with great local vascular action in the
portal vein that "the appearance in the case of
this article has been different & it is
known that it is a fatal & often fatal disease



and that there are cases in which it is perfectly
sable to some other vegetable which is better
of them.

Being under the impression that
it perhaps might be a substitute & feeling
happy that it can be obtained more easily
than the starch of the potatoes I can
now that it can be used as a substitute
for, as a substitute. It is a good
one in subjects that have weakness as well
as in the case of the stomach, particularly
in the case of children, from the
fact that it is a very good one.

The disposition which is marked
in a great & highest state of the system, the
disposition to the heart will give rise to
fever, in the system, & the disease will
be the result of the fever, from the depressed state
of the system & the heart.



But the Committee has not much
been used externally. The use of the Bureau being
that to use it as an office of application
for papers. It is better than to have it
in a separate reference point. In such cases, the
it adds at least in my hands to the other
than any other action.

It seems that such the
many precautions must be attended to
should never be used, if there is any
in the Government or Republic. It is
consequently its various action could be
produced & the books enabled of the selected
from it. The committee should make attention
to these. It is, I think, the
and the law in the case of the
the of some particular action is desired
of the same. The most respectable & valuable
quarters of the National Bureau.



Through the friendly assistance of Mr. W. L. L.
a most intelligent Druggist of this city,
gentleman, well known to the Western phar-
macy, his extensive & admirable collection
of various substances I have been able to ob-
tain a knowledge of the more recent parts of the
literature to him, the notes during the progress
of the analyses, the following observations have
been collected.

With Water the bark, ~~is~~ ^{is} a deep red color.
The Spirit forms a beautiful tincture with
it & deposits the larger ^{part} of the active
principles. The convenience of which it may
be considered the best administration. It yields
on evaporation an Extract of a dark red co-
lor, & a thick pasty mass, in a concentrated degree
all the bitterness & astringency of the bark.
In Alcohol it imbibes the same appearance
as to Water. The alcoholic solution when





giving the information for 3 distinct columns
Sulphure, Nitro, Tartar, & Soda is
seen, & it was let the same reaction in
the sulphure. The solution of ammonia caused
no precipitation; but the sulphure retained a super-
saturated state. It will be perceived that the action
of these agents is the same between the two
and the bichroma; but a difference exists when
the solution of Galls is brought to bear, the
bichroma being especially precipitated by each
of them, whilst no change is perceptible in the
Sulphure.

From the foregoing
we may conclude that the soluble peroxide
bubbles of the ammonia are similar to
the other from which it is to be
distinguished by its difference from the salt
found in the various fluids. It is however
length & more extensive to determine the



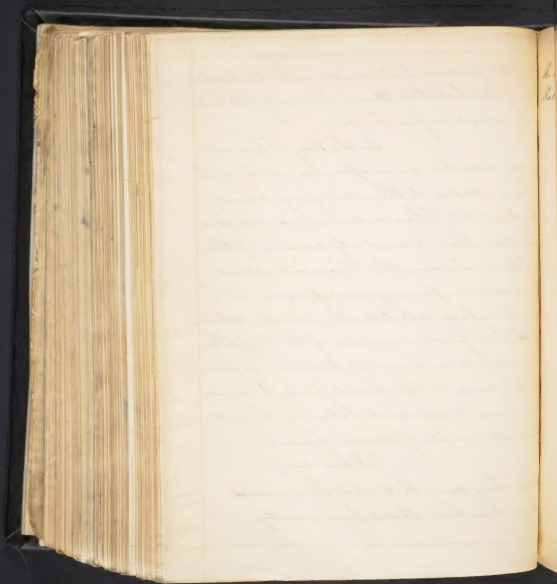


of the powdered bark mixed with two teaspoon-
ful of the best Pot. Mine. Externally the lin-
iment is used in fine powder.

In this Essay, I have not
sincerely presented an unassuming member of the
Materia Medica, to the notice of my learned
Readers, but I have endeavored to impart a
conviction that it is entirely deserving of their
confidence. In doing this, I have not adduced
much evidence from my own experience but I
have principally collected the valuable testimony
of ~~the~~^{their} distinguished supporters of the Profession.
This circumstance, however, is productive of pleasure,
for I feel proud, at the present period, to consider
myself even a subordinate laborer in the great
valuable Temple of Medical Science.

"I have done, -

As you have done; that's what I can; indeed -
As you have done; that's for my country;



He that has but effected his good will,
Hath overta'en mine actⁿ

Shakespeare.

